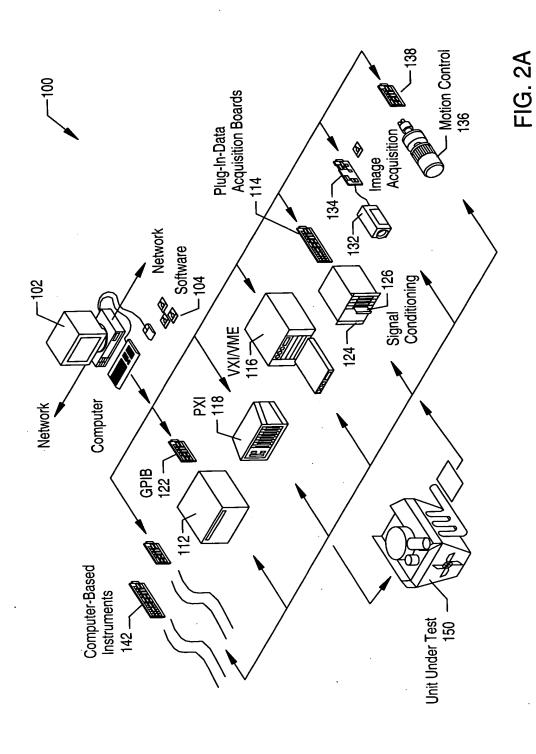


FIG.1



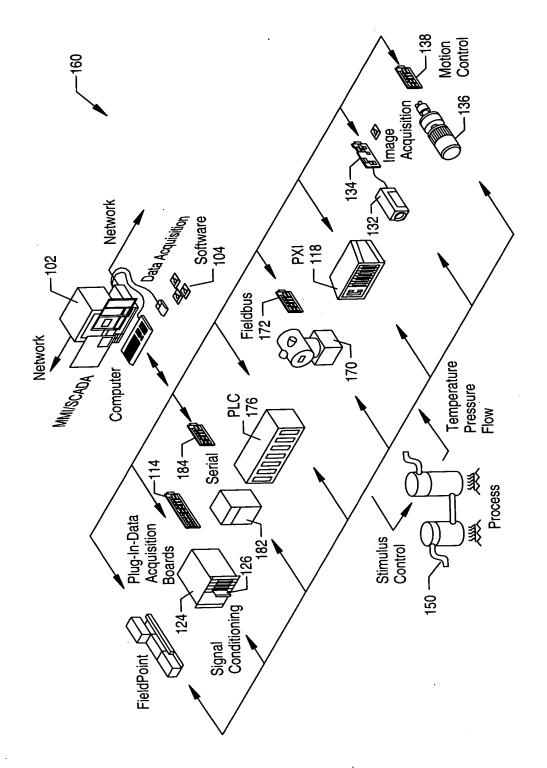
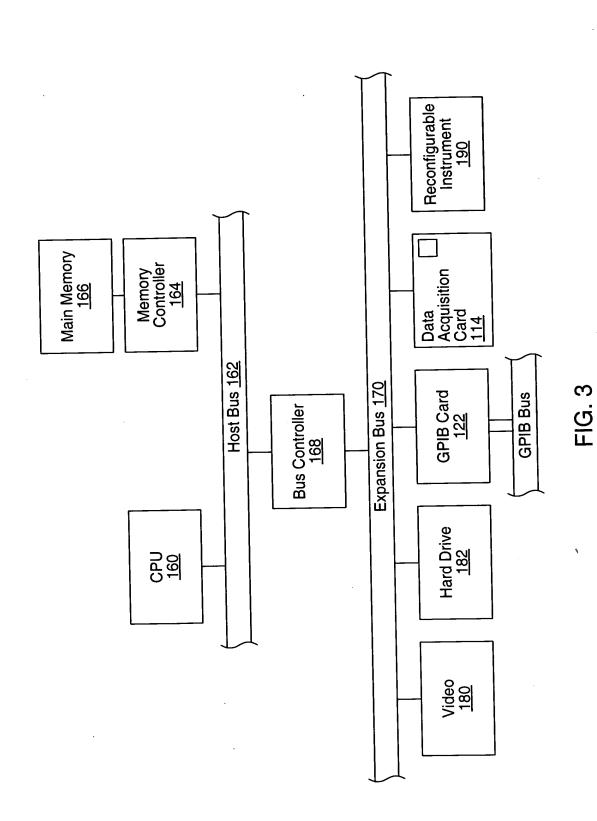


FIG. 2B



Developer creates a graphical program generation (GPG) program, wherein the GPG program is operable to generate a plurality of graphical programs, based on received information \$\frac{200}{200}\$

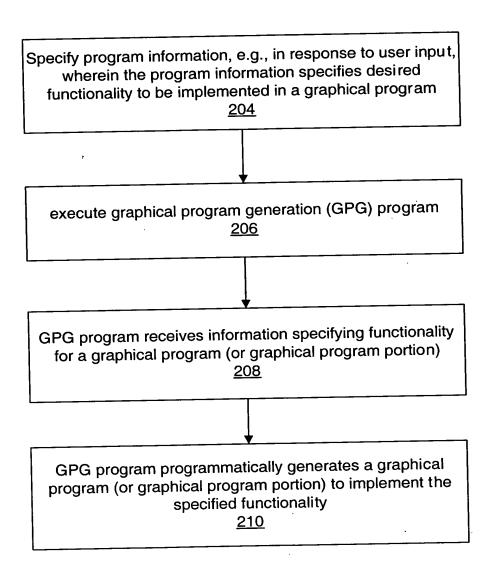
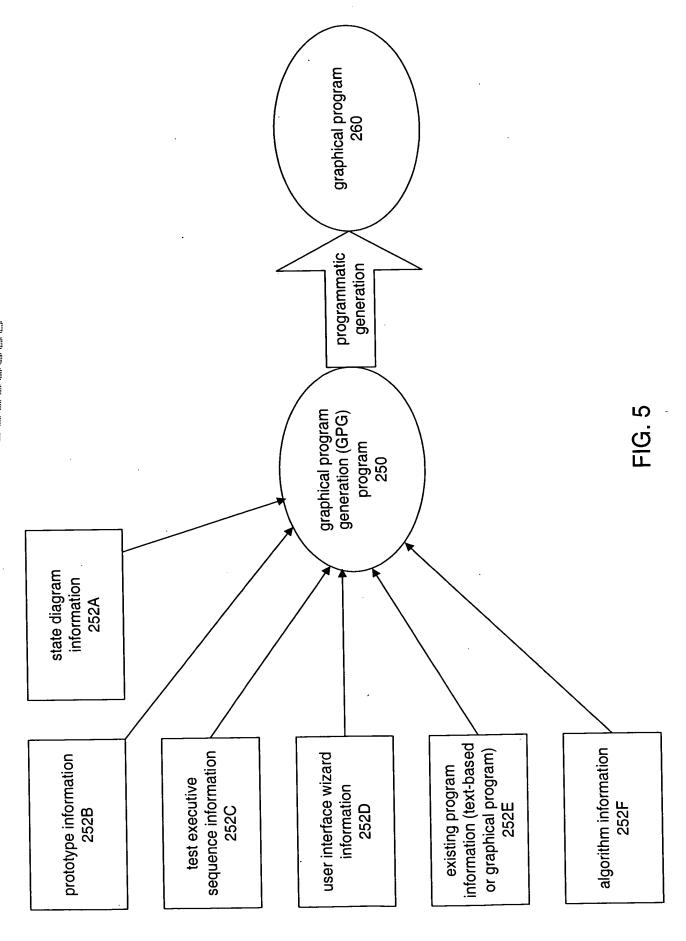


FIG. 4



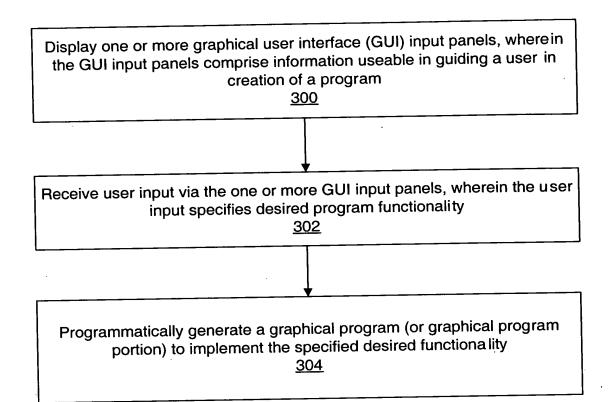


FIG. 6

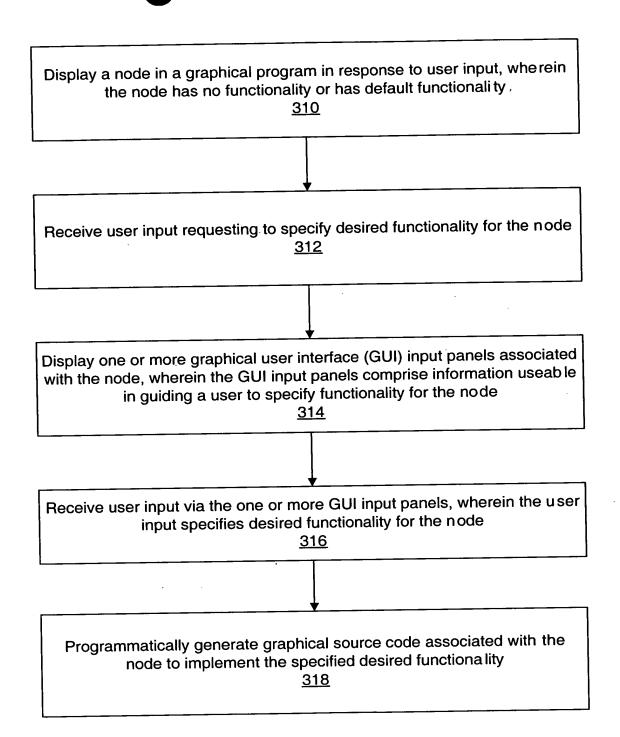
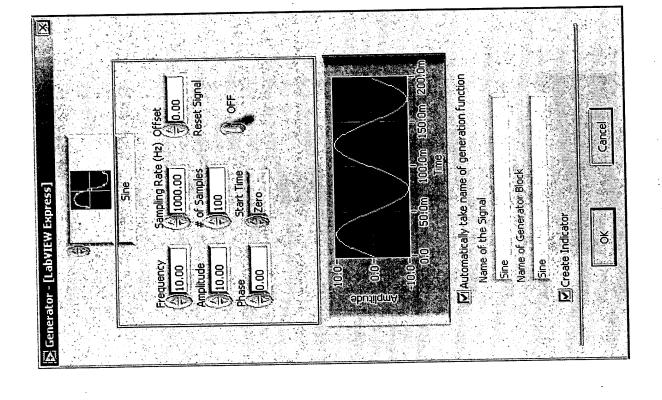


FIG. 7



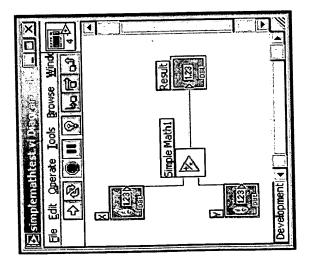


FIG. 9

FIG. 10

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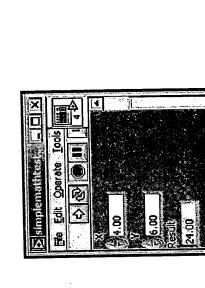


FIG. 12

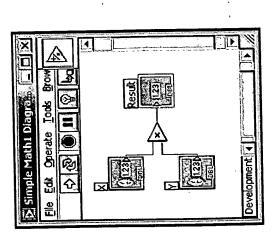


FIG. 11

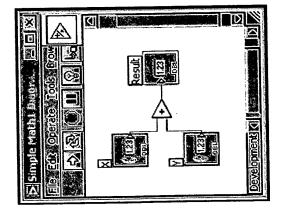


FIG. 14

<u>1</u>6. 13

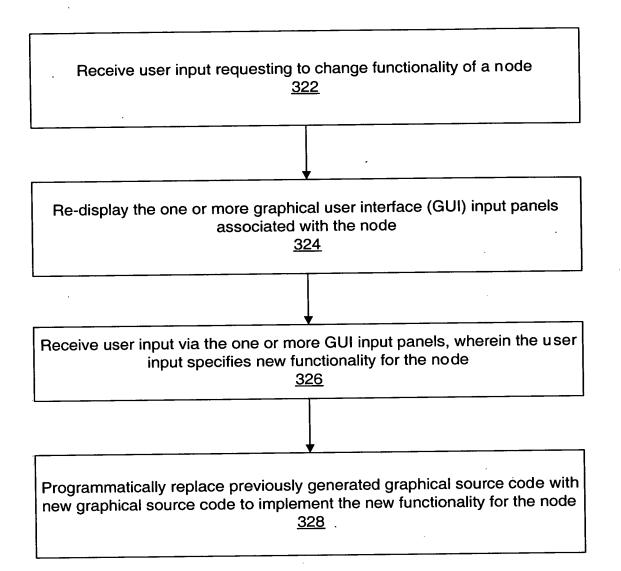
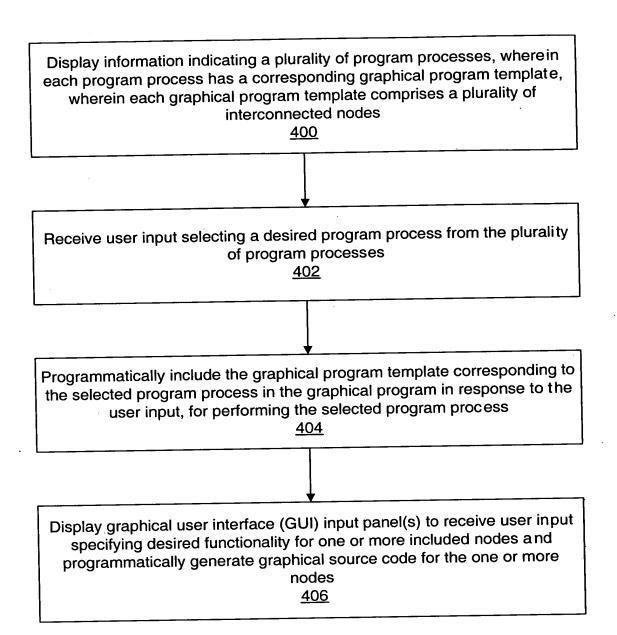


FIG. 15



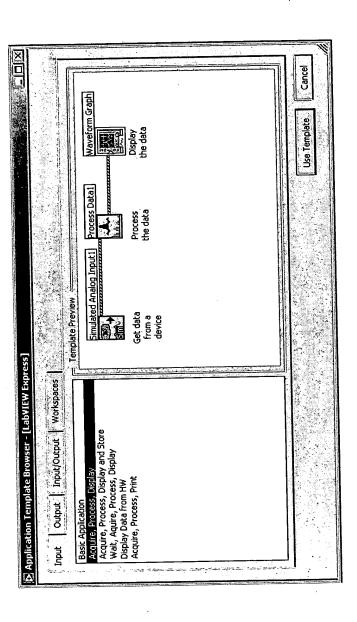


FIG. 17

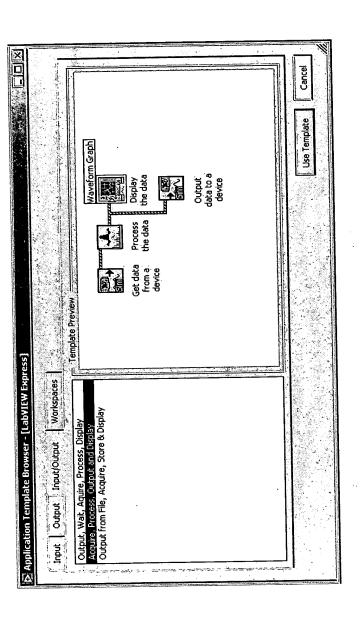
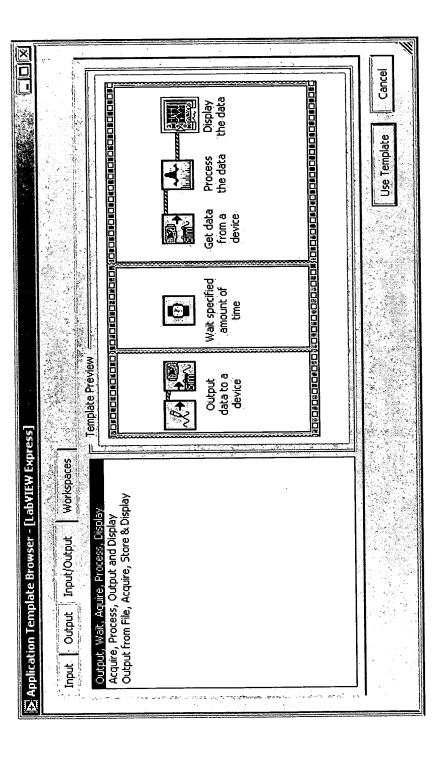


FIG. 18



五G. 15

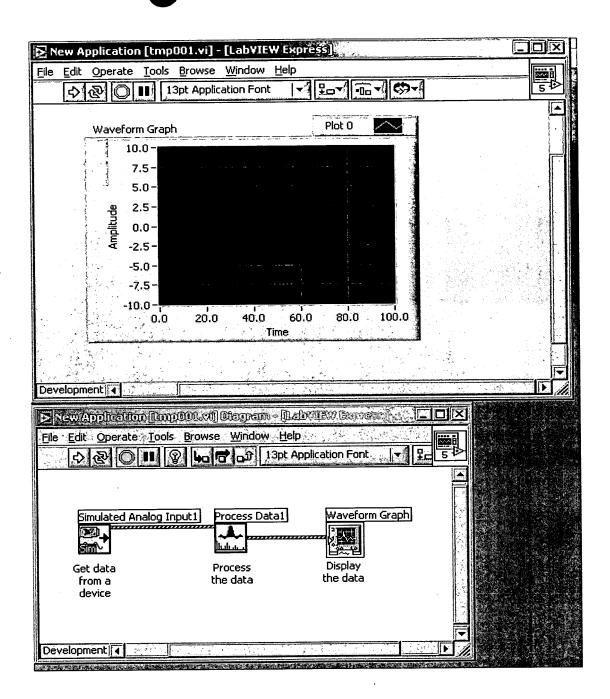


FIG. 20

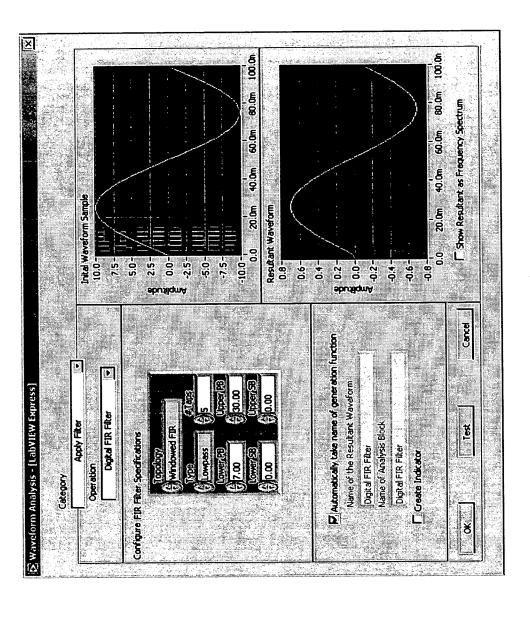
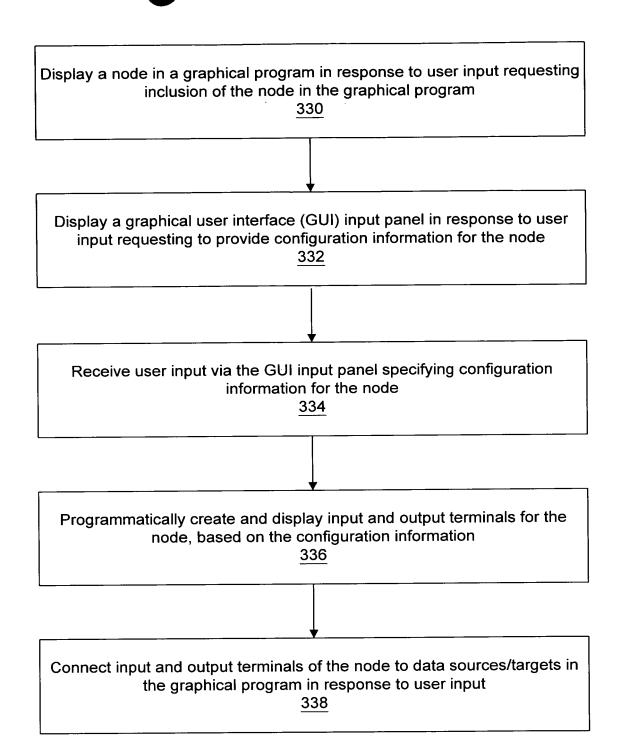


FIG. 21



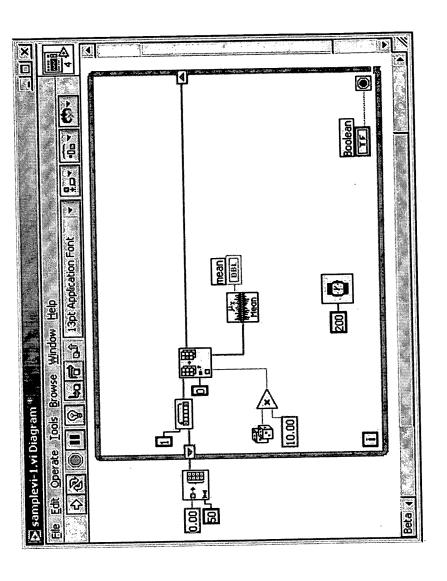


FIG. 23 (PRIOR ART)

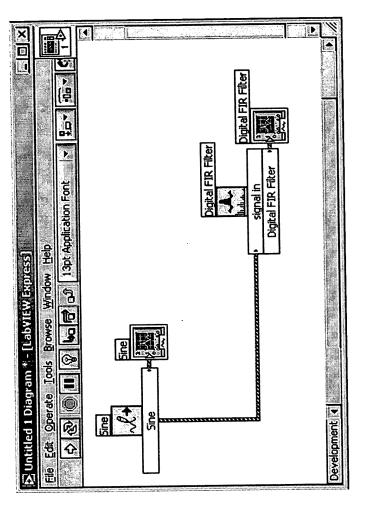


FIG. 24

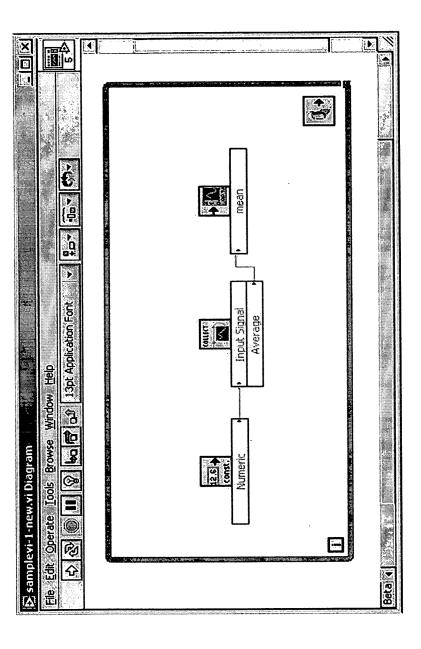


FIG. 25

Display a node in a graphical program in response to user input requesting inclusion of the node in the graphical program

350

Display a graphical user interface (GUI) input panel in response to user input requesting to provide configuration information for the node

352

Receive user input via the GUI input panel specifying configuration information for the node, wherein the user input includes user input specifying an alias for at least one input terminal or output terminal of the node

354

For each input terminal or output terminal for which an alias was specified, display the alias in the graphical program, wherein the aliases visually indicate the corresponding input terminals or output terminals of the node such that the input terminals or output terminals are identifiable for connection to terminals of other nodes in the graphical program 356



FIG. 27

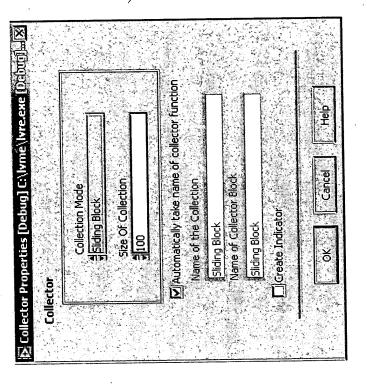


FIG. 28

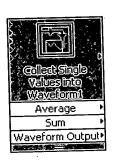


FIG. 29

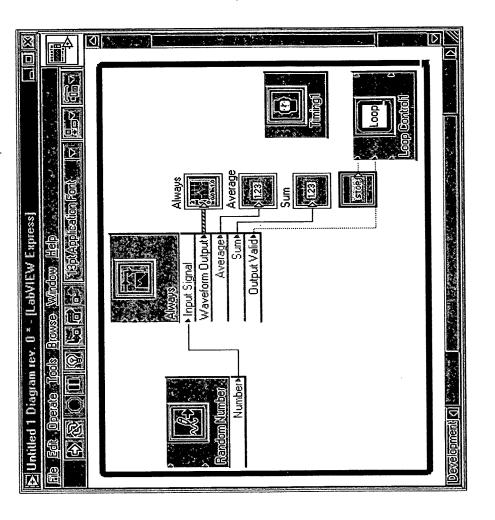


FIG. 30

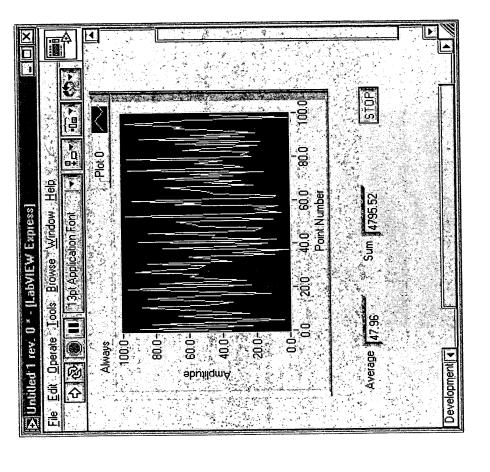


FIG. 3

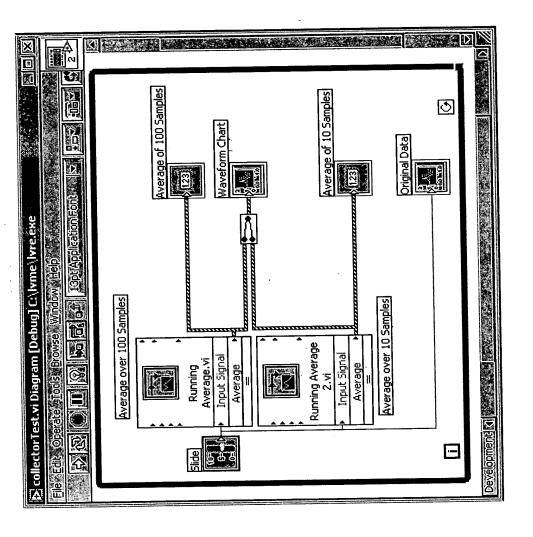


FIG. 32

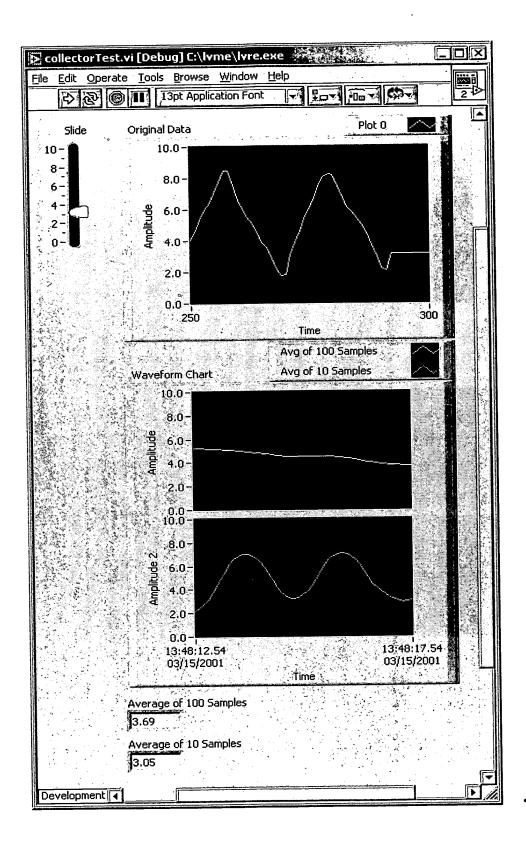


FIG. 33

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